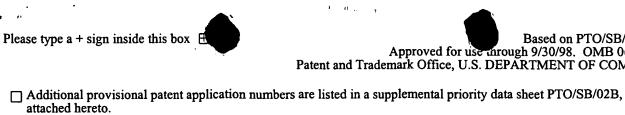


Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

DECLARATION FOR PATENT APPLICATION

	Declaration Submitted WITH Initial Filing OR Declaration Submitted After Initial Filing
	Attorney Docket Number: 56.0468 First-Named Inventor: Anthony P. Peirce COMPLETE IF KNOWN:
	Application Number: Filing Date: Herewith Group Art Unit: Examiner's Name:
	As a below-named inventor, I hereby declare that:
	My residence, post office address and citizenship are as stated below next to my name.
	I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:
100	METHOD AND APPARATUS FOR HYDRAULIC FRACTURING ANALYSIS AND DESIGN
17.	FRACTURING ANALYSIS AND DESIGN the specification of which:
122	☑ is attached hereto.
11	OR
	was filed on as United States Application No or
10 10 11 11 11 11	PCT International Application No (MMDDYY).
ŧ	gclaims, as amended by any amendment referred to above.
	I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.
.5:	I hereby claim foreign priority benefits under 35 U.S.C. § 1.19(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:
	Prior Foreign Country Foreign Filing Date Priority Not Certified Copy Attached? Application Numbers (MMDDYY) Claimed Yes No
	☐ Additional foreign application numbers are listed in a supplemental priority data sheet PTO/SB/02B, attached hereto.
	☐ I hereby claim the benefit under Title 35 U.S.C. § 1.19(e) of any United States provisional application(s) listed below.
	Application Number Filing Date



this a parag 37 CI	I hereby clain attional application pplication is not discrept 35 of U.S.C. FR § 1.56 which be date of this application.	designating sclosed in the \$ 112, I ack ecame avail	ne prior United Si nowledge the du	es, listed below tates or PCT Int by to disclose in	and, insofar ernational a formation w	as the subject pplication in which is mater	t matter the manuial to pa	of each of t ner provided tentability a	he claims of d by the first as defined in
	US Parent	PCT P	arent Number		iling Date	Parent l			
<u>App</u>	lication Number			(MML	ODYY)	(it a	pplicab	le)	
	lditional US or PC fority data sheet PT			ımbers are liste	d in a supple	emental			
As a the busin	named inventor, I less in the Patent an	nereby appo nd Trademan	int the following k Office connect	attorney(s) and ed therewith:	or agents(s) to prosecute	this app	olication and	l transact all
	Name	Registi	ration Number	Nan	ne .	Registra	tion Nu	nber	
[] John	E. Vick, Jr.	33,808		Douglas Y'l	Barbo	42,239			
John	J. Ryberg t J. Adamcik	31,134		J. H. Bouch		29,286			
Albei	t J. Adamcık Christian	23,045 38,106		Wayne I. Ka Jeffery E. G		35,564 36,534			•
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Sharm and a grad	Name Address Address City Country I hereby deconation and belief a statements and the d States Code and	Dowell Poschlumber 110 Schlumber 110 Schlumber 110 Schlumber 110 Schlumber 110 Schlumber 110 Sugar Langur L	reto. correspondence an atent Counsel erger Technology amberger Drive, Industrate a statements made to be true; and the are punishable	d telephone call Corporation MD-1975 State Telephone cherein of my of further that thes by fine or imp	Texas 281-285- own knowle e statement	sed to: 8606 Edge are true s were made or both, under	Zip Fax and that with the	knowledge 1001 of Ti	nts made on that willful tle 18 of the
Sole	or first inventor:								
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Inve	itor's Signature:		Men	de '		Date:	20	APRIL	1999
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Based on PTO/SB/01 (3/97) Approved for use through 9/30/98. OMB 0651-0032 Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Second inventor:			·			
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	(First)	(Initial)	(Last)			
Inventor's Signature:	@hich}	/ 5 ·	Date: 4/16/99			
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Country of Desidence	A P I I	Citizanshin	South Africa			